



# Status of the Army/DOD LLRW Program

Rosalene E. Graham

DSN 793-2989

(309) 782-2989

email: [grahamr@osc.army.mil](mailto:grahamr@osc.army.mil)



*OSC .... On The Line*



# DOD LLRW Executive Agent

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**WHO:**

Deputy Assistant Secretary of the  
Army for Environment, Safety, and  
Occupational Health  
Mr. Ray Fatz, Executive Agent

**REPRESENTED BY:** Safety/Rad Waste Office  
Operations Support Command

**WHAT:**

Responsible for safe, compliant, and  
cost-effective disposition of DOD LLRW  
and mixed waste (except Navy Nuclear  
Propulsion and nuclear weapons  
programs)

**DUSD(I&E) POC:** Mr. Ed Miller



# Core Capabilities

- Package and Transport LLRW
- \* Site Characterization and Verification
- \* Decontamination and Decommissioning
- Waste Processing and Disposal
- \* Recycling sources and devices
- Training
- Inventory of DOD LLRW Disposed

One Stop Shopping  
For Customers



Smoke Detector

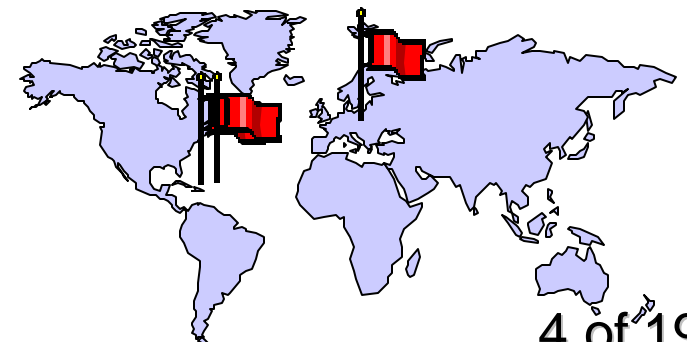
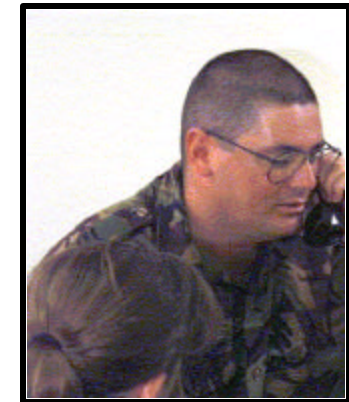
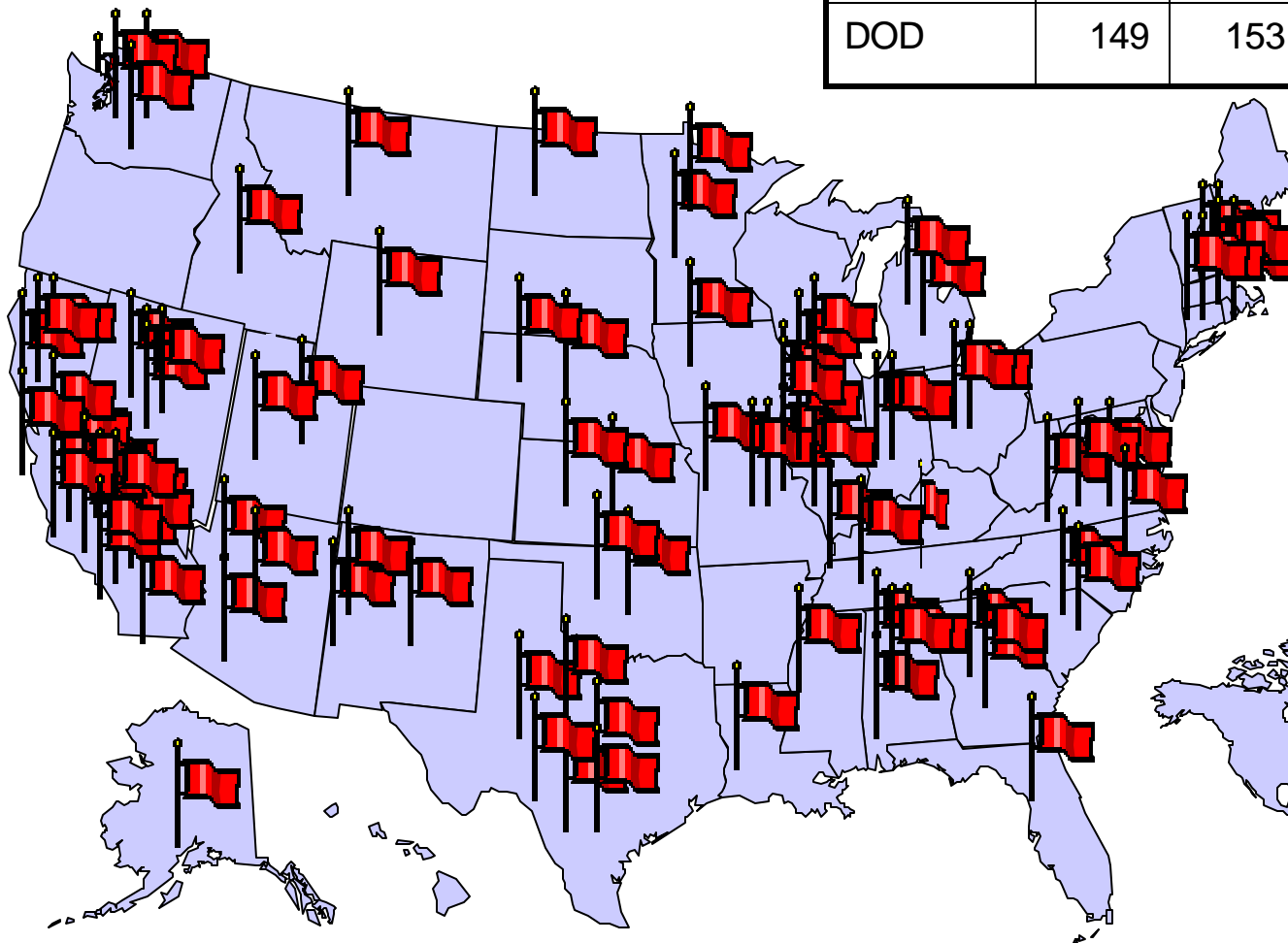


Radio  
Thermal  
Generator



# 142 Generators Served

	FY97	FY 98	FY 99	FY 00	FY 01
NON-DOD	5	8	5	3	3
DOD	149	153	183	137	139





# Component Program Offices

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- Defense Logistics Agency – Ft. Belvoir, VA
- Army – OSC, Rock Island, IL
- Navy – RASO, Yorktown, VA
- Air Force – AFIERA, Brooks AFB, TX
- US Army Corps of Engineers – D.C.

*Component representatives appointed to:*  
**Disposition Advisory Committee**



# DOD Executive Agent

DASA-ESOH (Mr. Fatz)/Operations Support Command (OSC)

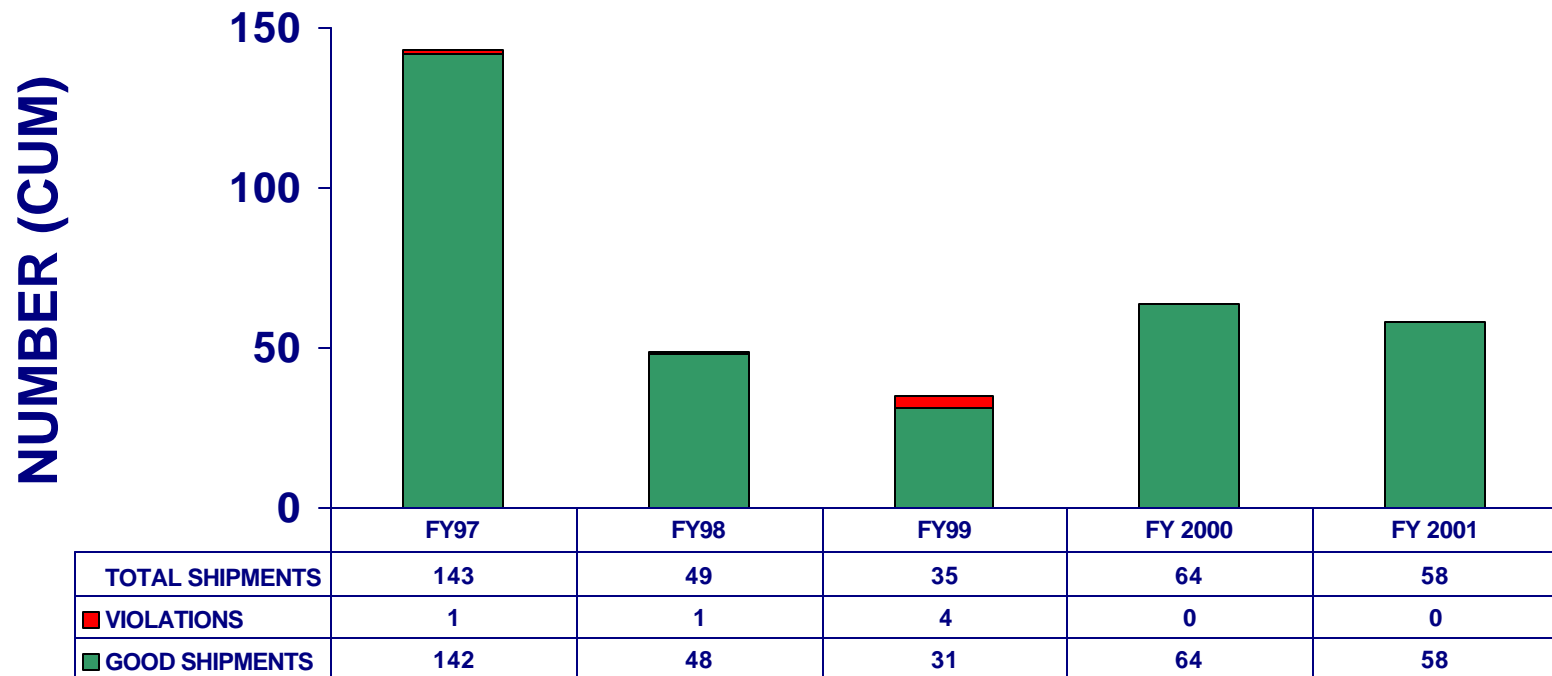
- Funding
  - Direct OMA (Core funding)
  - Reimbursable (OMA, BRAC, Production)
- Acquisition Strategy
- Compact/State Liaison
- Initiatives
  - Recycling Initiatives (\$4.3M cost avoidance)
  - Expanding Disposition Options



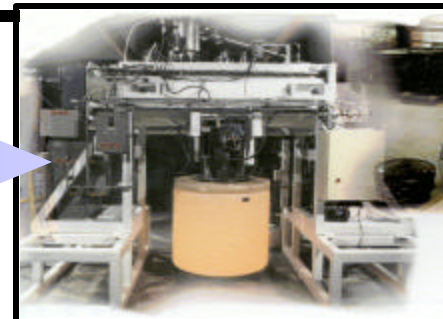
**Safe, Compliant, Cost  
Effective**



# FY 2001 Shipments to Processing Sites

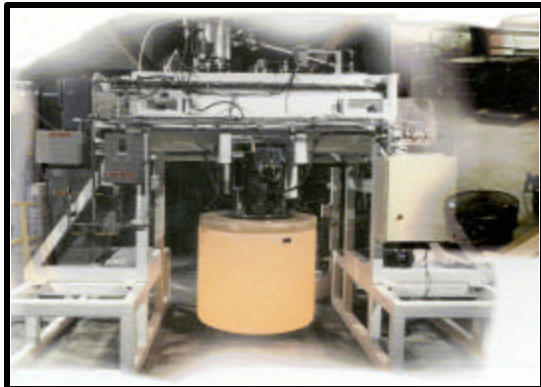
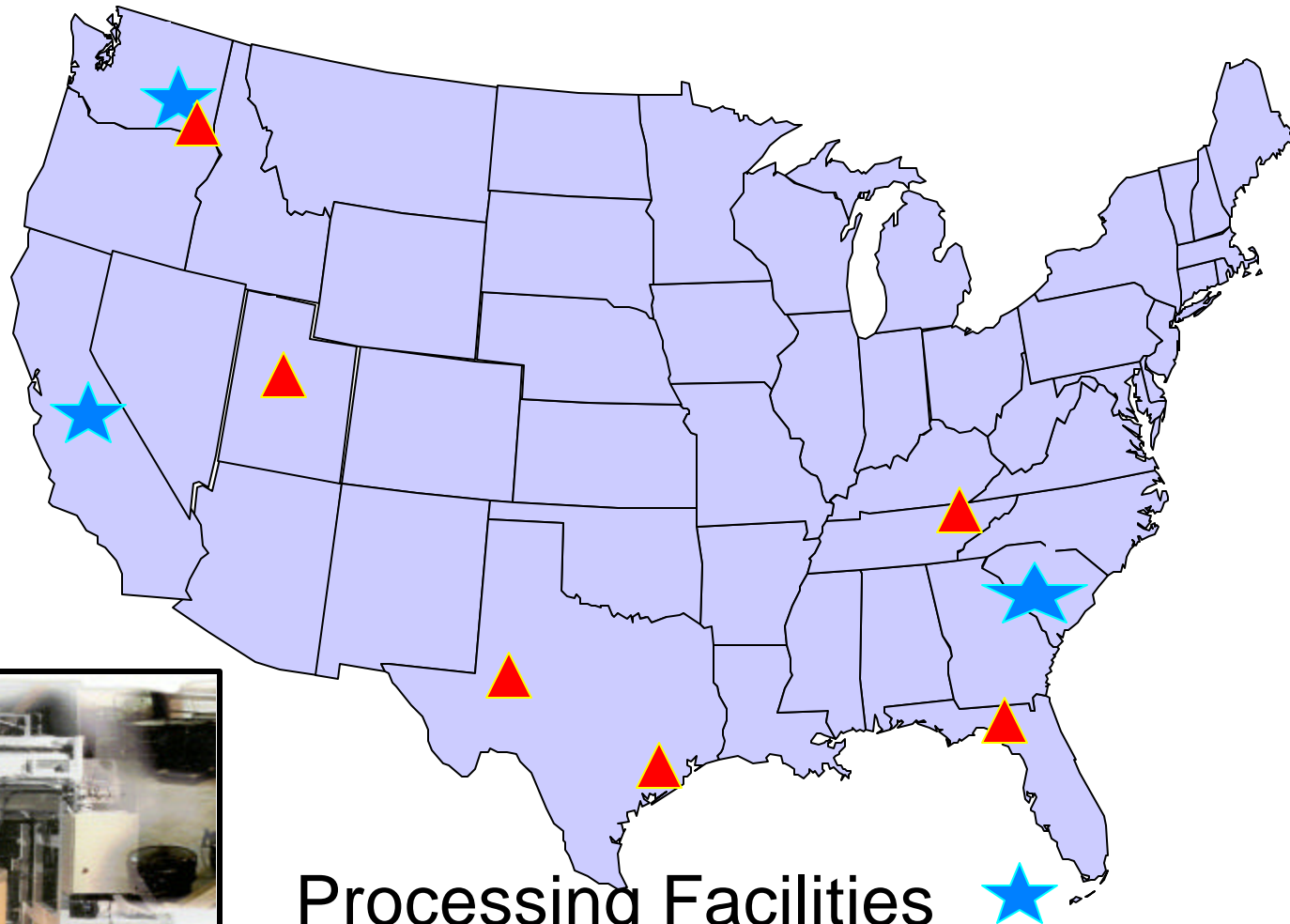


*shipments*





# Processing/Treatment Options

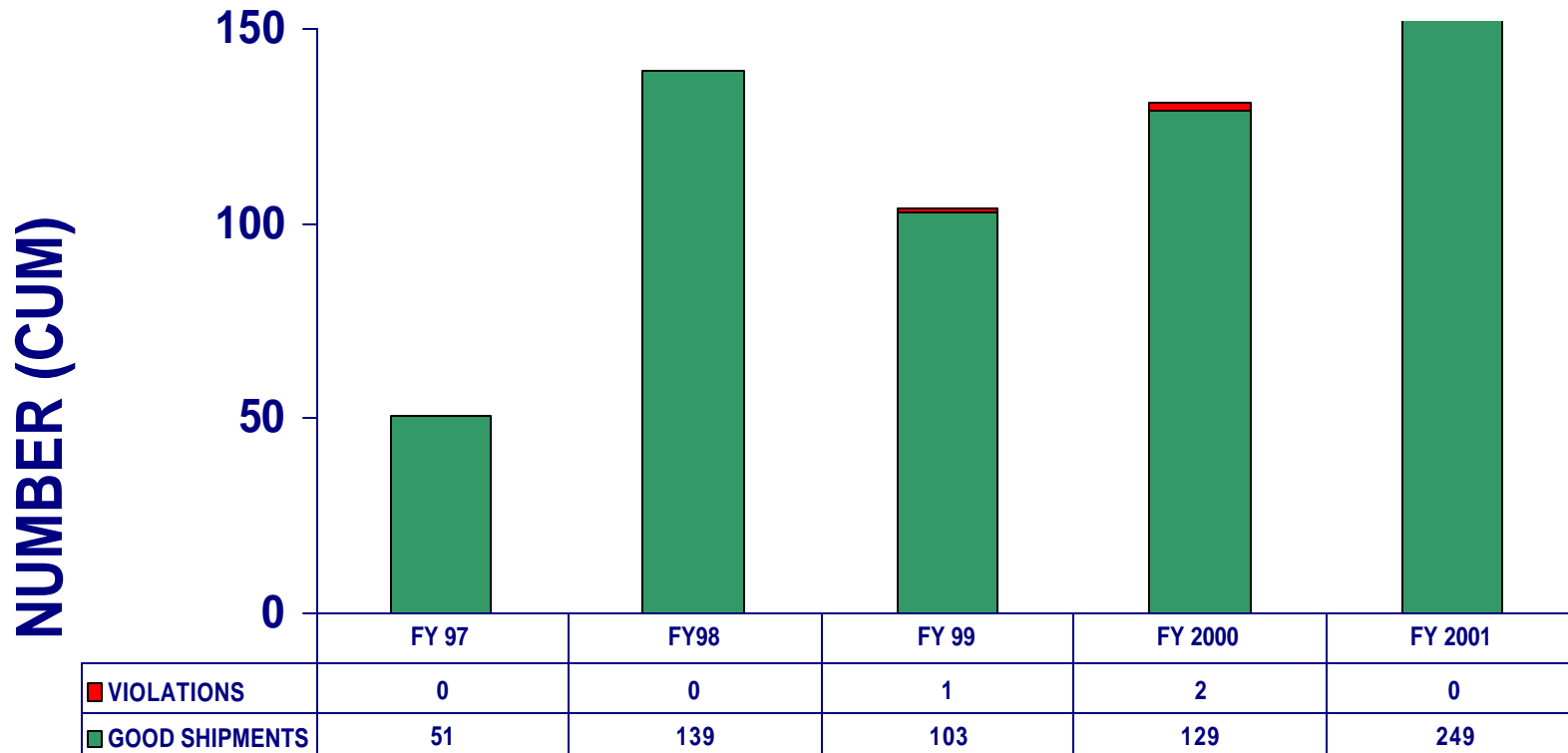


Processing Facilities ★

Mixed Waste Treatment ▲



# FY 2001 Shipments to Final Disposition

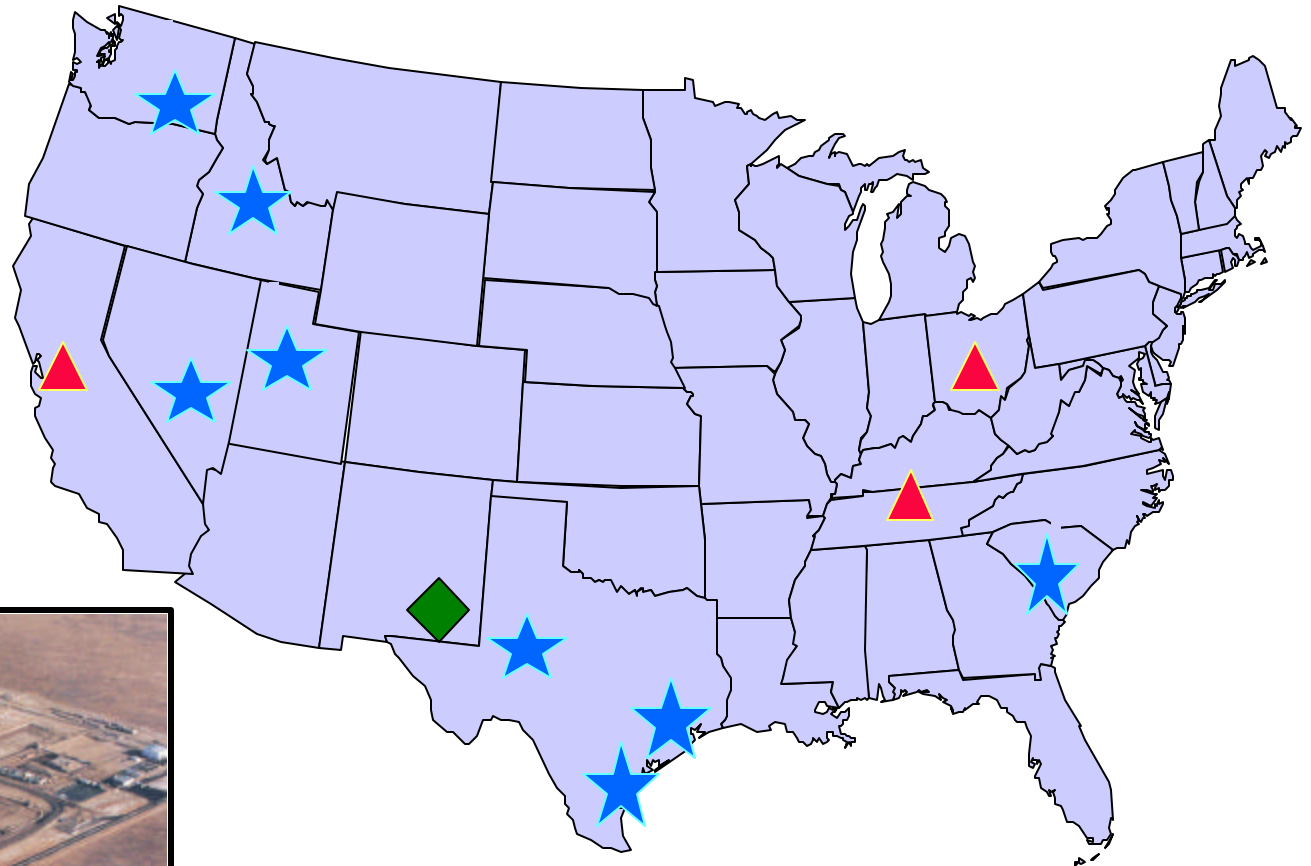


*shipments*





# Final Disposition



Primary Disposal Sites ★

Recycle ▲

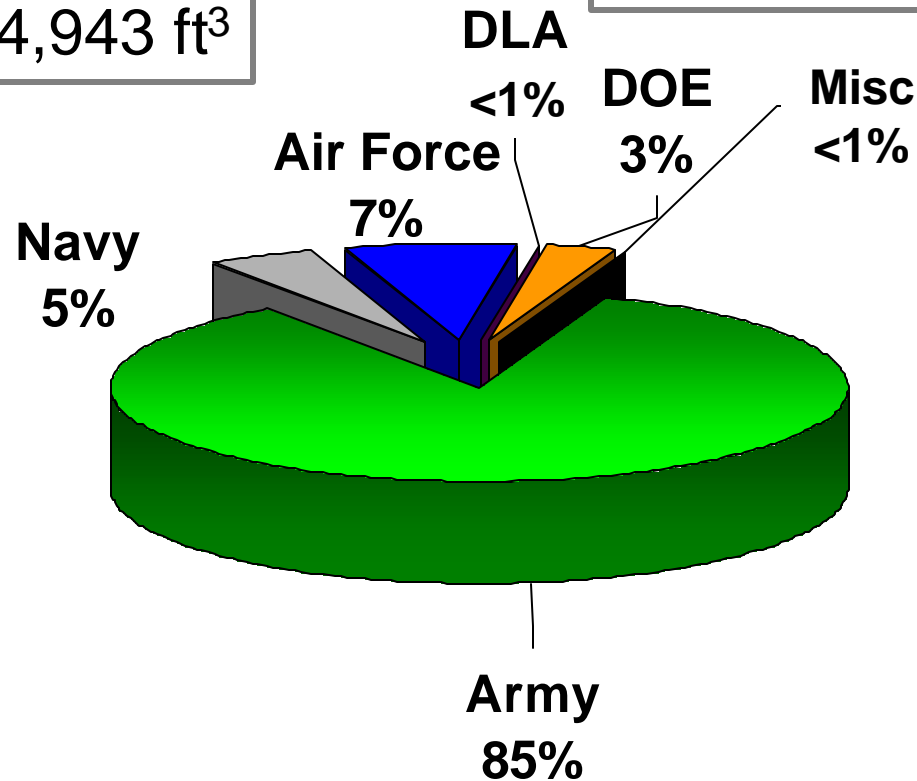
Developing ◆



# FY 2001 Disposal Volumes

Total Volume: 154,943 ft<sup>3</sup>

Operational Waste - 8.0%  
Clean-up Waste - 92.0%



	FY97	FY98	FY 99	FY 00
Ft3	79,600	63,654	112,893	117,056



# Recent LLRW Successes

## Removing DOD LLRW from the Public

- C&C Alloys: 1475 lbs of MgTh  
Purcell, OK
- Metal Management: Turbine engine part w/MgTh  
Phoenix, AZ
- Hartle Scrapbuyers: 2,000 lbs of Th232  
Rantoul, IL Contamination &  
MgTh Engine Parts

DOD responsiveness  
demonstrates concern for the  
public

DLA installs rad detectors to  
prevent repeat incidents





# Recent LLRW Successes

## Fort Hood Contamination Removed

- Contaminated sites remediated
  - Underground storage tanks
  - Two burial sites (Active 1940's – 1970's)
- Secured 5 gal drum of classified Enriched Uranium
- Army environmentally responsible

Centrally funded  
Army program  
Benefits Ft. Hood



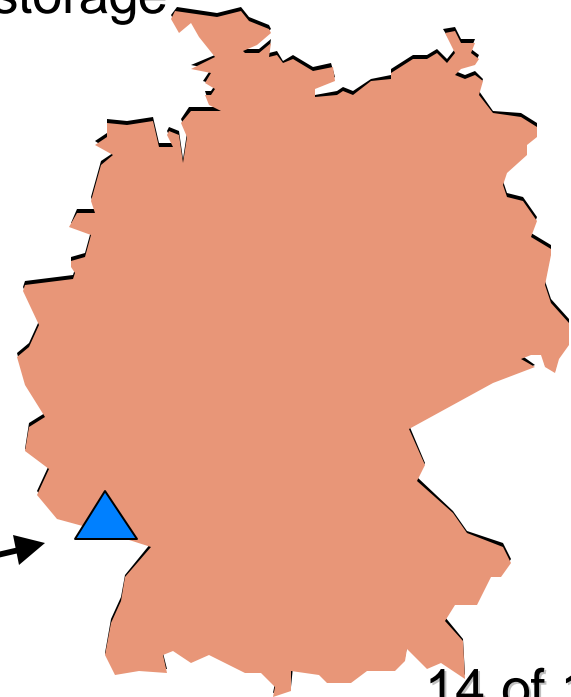


# Recent LLRW Successes

## EUROPEAN THEATER LLRW REPOSITORY PURGED

- Pirmassens DOD LLRW repository near capacity
- Removed 95% of Army & Air Force LLRW in storage
- 500 ft<sup>3</sup> returned to CONUS for disposal
- Averts interruptions in operations

Central Collection Point





# Maintaining Disposal Access

- DOD opens dialogue with LLW Forum
  - Meeting with Mr. Meehan 21 Aug 01
  - Meeting with Mr. Woodley 1 Nov 01
- Results in agreement to develop Memorandum Of Understanding (MOU)
- LLW Forum sends first draft MOU 26 Mar 02
- DOD preparing Comments
- Negotiations will follow

Common Goal:  
Maintain Disposal Access for LLRW Generators



# Army Contaminated Equipment Retrograde Team (ACERT)

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- AR 700 - 48, Management Of Equipment Contaminated With Depleted Uranium Or Radioactive Commodities, Jan 2000
  - Provide a combat/non-combat Team for World-Wide Response for Accidents/Incidents involving the retrograde of Army Radioactive Contaminated Equipment
- AMC Log Plan 9601- 98, Annex K, Foreign Consequence Management Operations
  - Respond to small accidents/incidents involving equipment damaged or contaminated with low-level radioactivity



# Foreign Consequence Management Operations

- ACERT (OSC): Deployable in support to respond to radiation (not nuclear weapons or nuclear reactor sources) accidents/incidents.
  - Detect, Identify, Collect Samples, Decontaminate/neutralize, Provide EOD Capabilities, Conduct Hazard analysis, Package, transport, dispose, Health Physics



# LSE TDA

## Personnel Requirements - 2 MTW

Type	Authorized	Actual
DA Civilians	5	5/4
Military	7	2/0
Contractor	2	2/2
Total	14	9/6

- Equipment: Prepositioned Milvans – Korea, Kuwait, Germany, CONUS



Your Questions?